

18. (THRICE AMENDED) A [database] system for enabling a[n] user to distribute a procedure from a client platform to a plurality of server platforms, and for enabling the user to make and register the procedure at the server platforms, [a “DB2” relational database management system (RDBMS) executing on each server platform,] the [database] system comprising:

means, at the client platform, for displaying a list of servers;

means, at the client platform, for enabling the user to select any of said servers;

[CAE] commanding means, at the client platform, for commanding a [“client application enablement” (CAE)] module to distribute a file associated with the procedure to the selected servers, the [CAE] module being resident in the client platform [and representing a client component of the DB2 RDBMS] ; and

make and register means, at the client platform, for commanding the [CAE] module to cause the selected servers to make and register the procedure;

wherein said [CAE] commanding means comprises:

means for converting the file to a string;

means for setting a procedure [_to_invoke] parameter equal to information identifying a file transfer procedure located at each selected server;

means for causing a [pointer in a] first [“sqlvar”] parameter to [point to] represent said string, and causing a [pointer in a] second [sqlvar] parameter [point to] represent a file name of the file, the first and second [sqlvar] parameters [being part of an input_args parameter, the input_args parameter] having a [“sqllda”] data type [, the sqllda data type] being suitable for passing scalar values to procedures; and

means for invoking, for each selected server, a [“sqleproc”] function provided by the [CAE] module, a parameter list of said [sqleproc] function comprising said [input_args] first and second parameters and said procedure [_to_invoke] parameter, said [sqleproc] function when executed causing said [input_args] first and second parameters to be passed to said file transfer procedure at each selected server, and also causing said file transfer procedure to be invoked at each selected server.